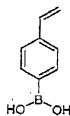


FIGURE 1. Schematic representation of the molecular imprinting process.

(1) Pre-assembly (2) Polymerization (3) Extraction/cleavage

**Boronate ester-forming monomer**

4-Vinylphenylboronic acid

**Hydrogen bond-forming and ion-pair forming monomers**

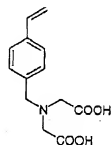
Methacrylic acid



4-Vinylpyridine

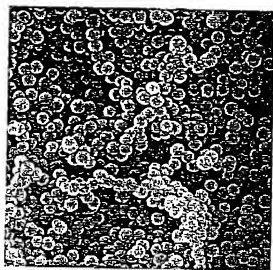
**Metal-chelating monomers**

4-Vinylimidazole



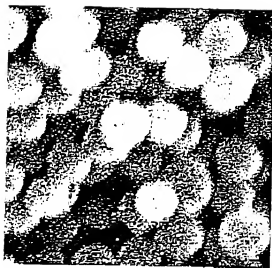
4-Vinylbenzyl-iminoacetic acid

FIGURE 2



Magnification 7,500 x

FIGURE 3a



Magnification 30,000 x

FIGURE 3b

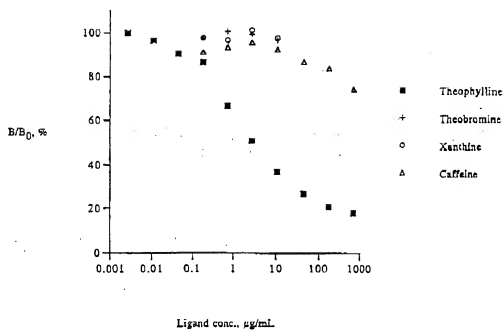


FIGURE 4

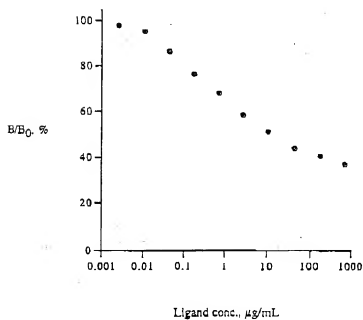


FIGURE 5

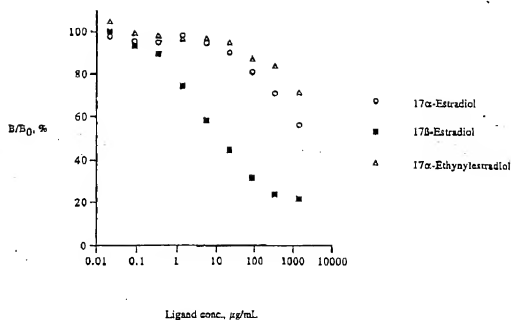


FIGURE 6